

Notice of Allowability	Application No.	Applicant(s)	
	10/601,337	HAVERINEN ET AL.	
	Examiner	Art Unit	
	Thomas R. Peeso	2132	

-- The **MAILING DATE** of this communication appears on the cover sheet with the correspondence address--
All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to application papers filed.
2. ☒ The allowed claim(s) is/are 1-51.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date <u>22Sep2003</u> | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

THOMAS PEESE
PRIMARY EXAMINER
✓

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance:

According to one aspect, a method in a system for transferring accounting information comprises: metering data related to a service used by at least one terminal, providing the metered data as accounting information to at least one Extensible Authentication Protocol (EAP) service authorization server, sending, by means of an Extensible Authentication Protocol request (EAP-request), a service authorization request from said at least one EAP service authorization server to said at least one terminal, digitally signing accounting information, in said at least one terminal, including, at said at least one terminal, the digitally signed accounting information in an Extensible Authentication Protocol response (EAP-response), and sending the digitally signed accounting information to an AAA-server.

According to another aspect, a system for transferring accounting information comprises: a metering server for metering data related to a service, an Extensible Authentication Protocol (EAP) authorization server including a generator for generating Extensible Authentication Protocol request (EAP-request) service authorizations, and a network connection means, a terminal including a signer arranged to digitally sign verified accounting information, an Extensible Authentication Protocol response (EAP-response) generator

arranged to insert verified and digitally signed accounting information in EAp-responses, and a network connection means, and an Authentication Authorization Accounting server arranged to manage accounting information relating to at least one terminal.

According to yet another aspect, a method in a terminal comprises: collecting data corresponding to accounting information relevant for at least one service presently utilized in the terminal, receiving an Extensible Authentication Protocol request (EAp-request) including accounting information relevant for said at least one service presently utilized in the terminal, comparing said received accounting information with the collected data, and, if the collected data corresponds with the accounting information said method further comprising: digitally signing said received accounting information, and sending the digitally signed accounting information an Extensible Authentication Protocol response (EAP- response).

According to a further aspect, a terminal comprises: a collector arranged to collect data corresponding to accounting information relevant for at least one service presently utilized in the WLAN terminal, a comparing device arranged to compare the collected data with received accounting information, a signer arranged to digitally sign verified accounting information, an Extensible Authentication Protocol response (EAP- response) generator arranged to insert digitally signed

accounting information in EAp-responses, and a network connection means.

According to yet another aspect, a method in an Extensible Authentication Protocol (EAP) service authorization server, said method comprises: receiving accounting information related to at least one terminal, inserting said accounting information in an Extensible Authentication Protocol request (EAp-request), And sending said EAp-request to the at least one terminal. ccording to yet another aspect, an Extensible Authentication Protocol (EAP) service authorization server comprises: an accounting information receiver for receiving accounting information relating to at least one terminal an ExtensibAuthentication Protocol request (EAP- request) generator arranged to insert accounting information of at least one terminal in an EAp-request, and a network connection means.

These features are not found or suggested in the prior art.


Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas R. Peeso whose telephone number is 571 272-

3809. The examiner can normally be reached on Mon.-Fri, 7:00 a.m. to 3:30 p.m. The central fax number for the office is 571 273-8300.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron, can be reached on 571 272-3799.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Thomas R. Peeso
Primary Examiner

12 July 2006